

Notice of Allowability

Application No.

10/643,983

Examiner

ALEXANDER BOAKYE

Applicant(s)

BURWELL ET AL.

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/30/2007.
2. ☒ The allowed claim(s) is/are 6-13, 16, 17; renumbered as 1-10 respectively.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

Claims 6-13, 16, 17 are considered allowable since when reading the claims in light of the specification none of the references of record alone or in combination disclose or suggest the combinations of limitations specified in the independent claims. As to claims 6-8, the prior art of record does not teach wherein the remote monitoring site is configured to perform tests on the replicated data at the remote site so that the monitored port can be monitored remotely as if the monitoring were performed on site at the monitored portion. As to claims 9-10, the prior art of record does not teach a means for extracting ingress OAM packets from a packet stream at the ports and redirecting the ingress AOM packets through the transport network to the centralized OAM resource for processing using a preconfigured internal switch address, the centralized OAM resource processing the ingress OAM packets and generating egress OAM packets, whereby all processing of the OAM packets takes place at the centralized OAM resource. As to claims 11-12, the prior art of record does not teach a reassembler for reassembling packets received from the connection-oriented network; an extractor for extracting a packet header from the reassembled packets, and a lookup engine for deriving the destination address from the extracted packet header, and a

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framer for appending the thus-derived address to outgoing frames on the connectionless network.

As to claim 13, the prior art of record does not teach communications system having a centralized route server that stores routing information for access devices connected to the transport fabric and periodically distributing the routing information thereto. As to claim 16, the prior art of record does not teach the steps of extracting OAM (Operation and Maintenance) packets from a packet stream at ingress ports in a packet processing engine, redirecting the OAM packets through the transport network to a centralized OAM processing resource using preconfigured internal switch address; processing the redirected packets at the centralized OAM resource, and generating egress OAM packets at the centralized OAM resource, whereby all processing of the OAM packets takes place at the centralized OAM resource. As to claim 17, the prior art of record does not teach (a) periodically distributing routing information for devices connected to the transport fabric to access devices connected thereto from a centralized route server over the transport fabric. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

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2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Boakye whose telephone number is (571) 272-3183. The examiner can normally be reached on M-F from 8:30am to 6:00pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham, can be reached on (571) 272-3179. The Fax number is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or PUBLIC PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Electronic Business Center (EBC)** numbers at 866-217-9197 and 703-305-3028.

Alexander Boakye

Patent Examiner

AB

10/02/07


CHI PHAM
SUPERVISORY PATENT EXAMINER

10/05/07